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| Substitute for form 1449A/B/PTO                                                                   |   |    | <b>Complete if Known</b> |                                   |               |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use as many sheets as necessary) |   |    | Application Number       | Not Yet Assigned <b>10/525457</b> |               |
|                                                                                                   |   |    | Filing Date              | February 24, 2005                 |               |
|                                                                                                   |   |    | First Named Inventor     | Kaj NUMMILA                       |               |
|                                                                                                   |   |    | Art Unit                 | N/A                               |               |
|                                                                                                   |   |    | Examiner Name            | Not Yet Assigned                  |               |
| Sheet                                                                                             | 1 | of | 1                        | Attorney Docket Number            | 0365-0623PUS1 |

| U.S. PATENT DOCUMENTS |                          |                                          |                                |                                                    |                                                                                 |
|-----------------------|--------------------------|------------------------------------------|--------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                       |                          | Number-Kind Code <sup>2</sup> (if known) |                                |                                                    |                                                                                 |
| <i>BA</i>             | AA                       | US-4,881,030-A                           | 11-14-1989                     | Stuecker et al.                                    |                                                                                 |
| <i>BA</i>             | AB                       | US-3,697,866-A                           | 10-10-1972                     | Kanda et al.                                       |                                                                                 |

| FOREIGN PATENT DOCUMENTS |                          |                                                                                   |                                   |                                                    |                                                                                 |                |
|--------------------------|--------------------------|-----------------------------------------------------------------------------------|-----------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|----------------|
| Examiner<br>Initials*    | Cite<br>No. <sup>1</sup> | Foreign Patent Document                                                           | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T <sup>6</sup> |
|                          |                          | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |                                   |                                                    |                                                                                 |                |
| <i>BA</i>                | BA                       | DE-3037932-A1                                                                     | 04-15-1982                        |                                                    |                                                                                 |                |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

| NON PATENT LITERATURE DOCUMENTS |                          |                                                                                                                                                                                                                                                                 |                |
|---------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Examiner<br>Initials*           | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
| <i>BA</i>                       | CA                       | Dubois et al. "Evaluation of case depth on steels by Barkhausen noise measurement", Material Science and Technology, March 1995, Vol. 11, pages 264-267.                                                                                                        |                |

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|-----------------------|-----------|--------------------|----------|
| Examiner<br>Signature | <i>BA</i> | Date<br>Considered | 10/15/06 |
|-----------------------|-----------|--------------------|----------|



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|                                                                                                   |   |    |   | Filing Date              | February 24, 2005 |
|                                                                                                   |   |    |   | First Named Inventor     | Kaj NUMMILA       |
|                                                                                                   |   |    |   | Art Unit                 | N/A               |
|                                                                                                   |   |    |   | Examiner Name            | Not Yet Assigned  |
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| Sheet                                                                                             | 1 | of | 1 |                          |                   |

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| PA                    | AA                       | US-5,166,613-A                                              | 11-24-1992                     | Perry                                              |                                                                                 |

| FOREIGN PATENT DOCUMENTS |                          |                                                                                                              |                                   |                                                    |                                                                                 |                |
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| PA                       | BA                       | EP-531042-A                                                                                                  | 03-10-1993                        |                                                    |                                                                                 |                |

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|--------------------------------------|--|--------------------|----------|
| Examiner<br>Signature                |  | Date<br>Considered | 10/10/06 |
| Birch, Stewart, Kolasch & Birch, LLP |  | MKM/csm            |          |